From: "France-Isetts, Pauletta" </O=EXCHANGELABS/OU=EXCHANGE;ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFA97B4E466343548298CAF16C843A25-FRANCE-ISSETS.PAULETTA>

To: Crossland

Roy:

CC: <u>Drake</u>

Dave:

Date: 12/16/2013 1:17:52 PM

Subject: RE: Missouri Electric Works
Attachments: FYR sampling locations.docx

MEW 2013 Five Year Reivew sampling IGCE.xlsx Missouri Electric Works Five Year Review TO.docx

## Roy -

I have used the templates provided and revised them to reflect the scope of work at MEW. I am attaching both the Task Order, IGCE and a map with proposed sampling locations. Please let me know if you need anything additional. I am working from home due to issues with my back, but can be contacted via e-mail.

## --Pauletta

From: Crossland, Roy

Sent: Wednesday, December 11, 2013 6:12 AM

To: France-Isetts, Pauletta

Subject: RE: Missouri Electric Works

See attached copies of templates for Task order and IGCE, on the IGCE just plug in the hours you want, the labor rates are current. Unlike the START contract we will send your TO to Seagull and request they send back a cost proposal too, make sure everyone is on the same page. Roy

From: France-Isetts, Pauletta

Sent: Tuesday, December 10, 2013 2:33 PM

**To:** Crossland, Roy **Cc:** Drake, Dave

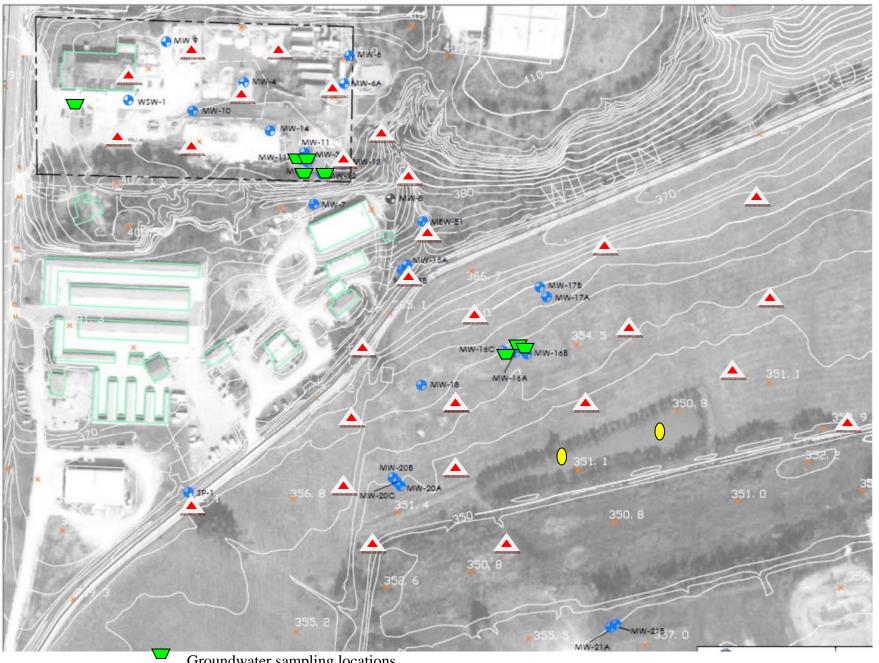
Subject: Missouri Electric Works

Good Afternoon, Roy,

I understand that Dan Gravatt has used Seagull Environmental on at least one occasion at the Missouri Electric Works Site. I have recently been assigned to the MEW site and need to have some sampling done for the Five Year Review. I need to know what documents will be needed for a task order, including what assumptions might be used for the IGCE. Since I will need soil samples, groundwater samples and fish tissue samples, this task may take a week, especially with travel. Any assistance would be greatly appreciated.

## Thanks

--Pauletta



Groundwater sampling locations
Soil sampling locations
Fish sampling

## **Groundwater Sampling Locations**

```
WSW-1
```

MW-3

MW-5

MW-11

MW-12

MW-16A, 16B, 16C

**8** Groundwater samples

# **Soil Sampling Locations**

 $8\ \hbox{-----}$  upland area (former MEW operations) samples

Surface and 6" depth

4 ----- ravine area samples

Surface and 6" depth

2 ----- Wilson Road south drainage ditch samples

Surface and 6" depth

14 ---- lowland area (south of former MEW operations) samples

Surface, 6" and 1' depth, 5' depth

Total of 28 surface samples

28 6" depth samples

14\_1 ft depth samples

14 5 ft depth samples

**84** soil samples

# **Fish Tissue Samples**

2 samples ideally 1 sport fish (i.e., bass) and one bottom feeder (i.e., carp, catfish)

**Analyze all samples for PCBs** 

Analyze groundwater samples from WSW-1, MW-3, MW-5, MW-11& MW-12 for chlorobenzenes Analyze groundwater samples from MW-16A, MW-16B, MW-16C for VOCs

# US EPA - REGION VII MINI-SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM (Mini-START) CONTRACT CONTRACT #EP-S7-12-04

TO: Anthony LeMaster, CO Roy Crossland, PO

FROM: Hieu Q. Vu, PE, MINI-START PM

DATE: 09/04/13

PROJECT: PROJECT NAME: 1136 113th Drive and 1305-1317 Golden Eagle, Horton, Kansas

TO #:

## COST SUMMARY

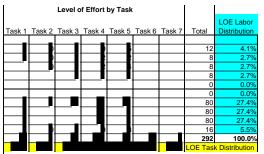
LABOR				
CLIN	Labor Description	Fixed Rate (\$/Hr)	Unit (Hrs)	Total
0001	Program Manager			\$1,174.68
0002	Subject Matter Expert		7	\$783.12
0003	Senior Environmental Specialist			\$603.44
0004	Senior Geologist/Hydrogeologist			\$474.24
0005	Junior Chemist			\$0.00
0006	Junior Industrial Hygienist			\$0.00
0007	Entry Environmental Specialist			\$3,936.00
8000	Entry Engineer			\$4,434.40
0009	Entry Geologist			\$4,141.60
0010	Clerical			\$662.56
	Sub-Total Labor			\$16,210.04
EQUIPME	NT PLUS G&A			
0011	Equipment Plus G&A			\$2,765.00
TRAVEL F	PLUS G&A			
0012	Travel Plus G&A			\$3,389.89
OTHER DI	RECT COSTS PLUS G&A			
0013	Other Direct Costs Plus G&A			\$7,437.85
	RACTORS PLUS G&A			
0014	Subcontractors Plus G&A			\$15,318.10
TOTAL TASK ORDER				\$45,120.88
TOTAL HO	DURS			292
AVERAGE	LABOR \$/HR			\$55.51
AVERAGE	LOADED \$/HR			\$154.52

# PROJECT NAME: 1136 113th Drive and 1305-1317 Golden Eagle, Horton, Kansas COST ESTIMATE

LABO	_						
Clin	R Description	Unit	Fixed Rate	Unit (Hr)	Extended		Sub-Total
	Program Manager	Hr	1 IXCU RUIC	OTHE (TH)	Lxtended		\$1,174.68
	Subject Matter Expert	Hr		10			\$783.12
	Senior Environmental Specialist	Hr					\$603.44
	Senior Geologist/Hydrogeologist/GIS	Hr					\$474.24
0005	Junior Chemist	Hr					\$0.00
0006	Junior Industrial Hygienist	Hr					\$0.00
0007	Entry Environmental Specialist	Hr					\$3,936.00
	Entry Engineer	Hr					\$4,434.40
	Entry Geologist	Hr					\$4,141.60
0010	Clerical	Hr					\$662.56
	Sub-Total Labor						\$16,210.04
EQUIP	PMENT					G&A	10.60%
	Description	Unit	Cost	Quantity	Extended	G&A (1 <u>0.6%)</u>	Sub-Total
	Geoprobe	Day	4				\$2,433.20
	Rental Truck	Day	-		_		\$331.80
0011	XRF Sub-Total Equipment	Day					\$0.00 \$2,765.00
TRAVE							
	Description	Unit	Cost	Quantity	Extended	G&A (10 <u>.6%)</u>	Sub-Total
	Meals (Per Diem)	Day					\$1,017.52
	Hotel Airfare	Day @	-	700			\$1,946.56 \$0.00
0012	Mileage Sub-Total Travel	Mile					\$425.81
0012	Sub-Total Travel						\$3,389.89
OTHE	R DIRECT COSTS	11-14	0	0	Fotonded	004 (40.00()	Out Total
	Description Field Supplies	Unit Project	Cost	Quantity	Extended	G&A (10.6%)	\$5,530.00
EDR Reports/Hist. Documents		Report		78			\$829.50
Photocopies - 8 report copies		Project					\$331.80
	Fuel	Day	700				\$414.75
	Shipping	Each					\$331.80
0013							\$7,437.85
0013							
	ONTRACTORS						
	Description	Unit	Cost	Quantity	Extended	G&A (10.6%)	Sub-Total
	Description Analytical	sample	Cost	Quantity	Extended	G&A (10.6%)	\$1,382.50
	Description		Cost	Quantity	Extended	G&A (1 <u>0.6%)</u>	
	Description Analytical	sample Sample	Cost	Quantity	Extended	G&A (10.6%)	\$1,382.50
	Description Analytical Analytical Laboratory-soil- 84samples - PCBs	sample Sample	Cost	Quantity	Extended	G&A (10.6%)	\$1,382.50 \$9,290.40
	Description Analytical Analytical Laboratory-soil- 84samples - PCBs Analytical Laboratory - groundwater - PCBs, VOCs, chlore	sample Sample obenzenes	Cost	Quantity	Extended	G&A (10.6%)	\$1,382.50 \$9,290.40 \$3,539.20

Ave. Labor \$/hr

Ave. Loaded \$/Hour



#### Tasks

Task 1: Project Preparation

Task 2:

Task 3 Prepare QAPP, FSP, HASP, and procure lab(s) for field activities and laboratory analysis

Task 4: Conduct fieldwork - collection of soil, groundwater and fish samples. Find location for storage of purge water until analyses are received. Make arrangements for disposal of purge water.

Task 5 Prepare reports . Data validation, GIS mapping, and project closeout tasks.

### Assumptions:

\$55.51

\$154.52

- 1 Field work will be performed based on the attached map with proposed sampling locations
- 2 Seagull will obtain access with EPA assistance
- 3 Fieldwork will require 5 Seagull employees and require 1 week to complete (including travel)
- 4 All samples will be analyzed by a Seagull-contracted lab(s)
- 5 Subject matter expert should be familiar with karst geology

# **EPA** Task Order Activity Document - Mini-START(8a) Mini-START CONTRACT #: EP-S7-12-04

**Activity Type:** Field Sampling

**Task:** Five Year Review – Missouri Electric Works

General Task Description: Conduct Field Sampling for Five

Year Review at Missouri Electric Works **Estimated Completion Date:** 5/31/2014

Site/Project Name: Missouri Electric Works City, State, Zip: Cape Girardeau, MO 64501

Site ID No: 076RFE00

**Funds Source:** 

**NEW TASK ORDER** 

**Expenditure Limit:** 

**Staffing: Priority:** High

**Start Date:** 01/02/2014

**Created On:** 12/16/2013

**DPO/PO:** Roy Crossland

**Estimated Cost: See IGCE** 

work plans Field Sampling for Missouri Electric Works Five Year

**Isetts** 

Review

Overtime: N/A Reference: No

Task Codes:

Task Monitor: Pauletta France-

Deliverable: Provide a QAPP, FSP and

Specific Element(s): In accordance with the contract statement of work, the contractor shall conduct the following tasks:

Provide a QAPP and sampling plan for collecting samples, including soil, groundwater and fish tissue. All samples are to be analyzed for PCBs. Groundwater samples from the upland area (WSW-1 and MW-3, 511 & 12) should also be analyzed for chlorobenzenes in addition to PCBs; groundwater samples from the lowland (MW 16A, 16B and 16C) need to be analyzed for VOCs in addition to PCBs. Procure laboratory(ies) for sample analysis. Properly collect soil samples, groundwater samples and fish tissue samples delivered under chain-of-custody to contracted laboratory. This work will generally include field mobilization, collection of, packaging, and shipping samples to contracted laboratory for analysis.

## **Comments:**

EPA RPM or RPM's representative will provide field oversight and technical direction to contractor as required. Contractor will obtain right-of-entry(ies) to site. Contractor will not do laboratory data validation, but will provide a simple summary report after sampling event that includes field notes, sketches of sample locations, and field data.